

FIG. 1A

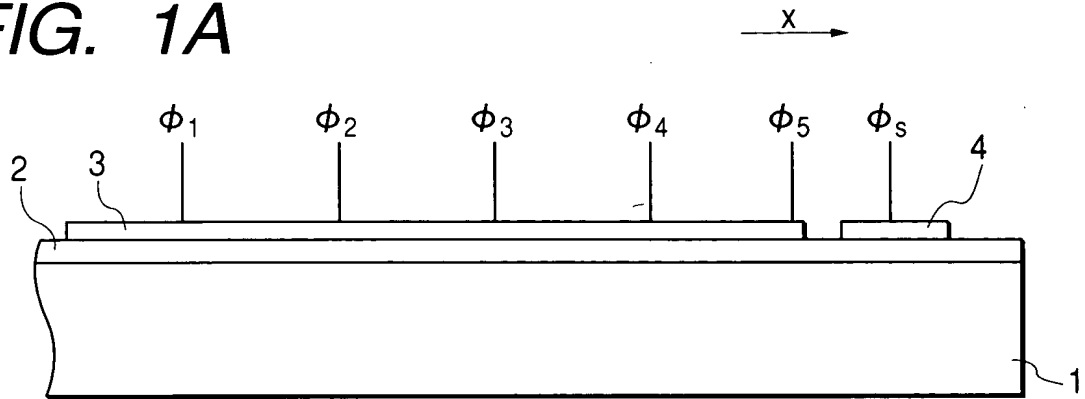


FIG. 1B

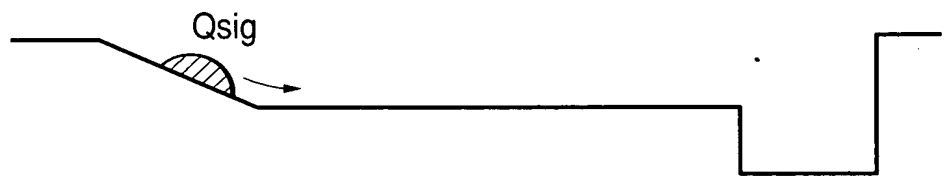


FIG. 1C

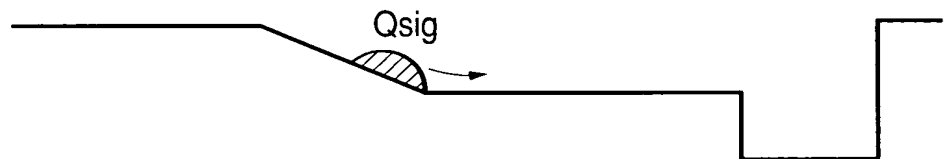


FIG. 1D

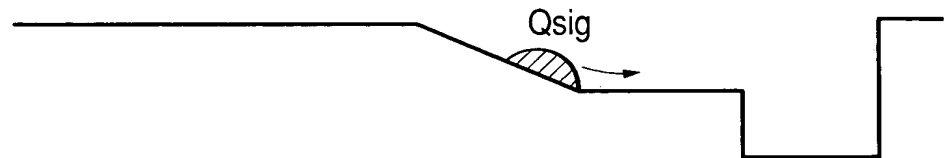


FIG. 1E



FIG. 1A

FIG. 2A

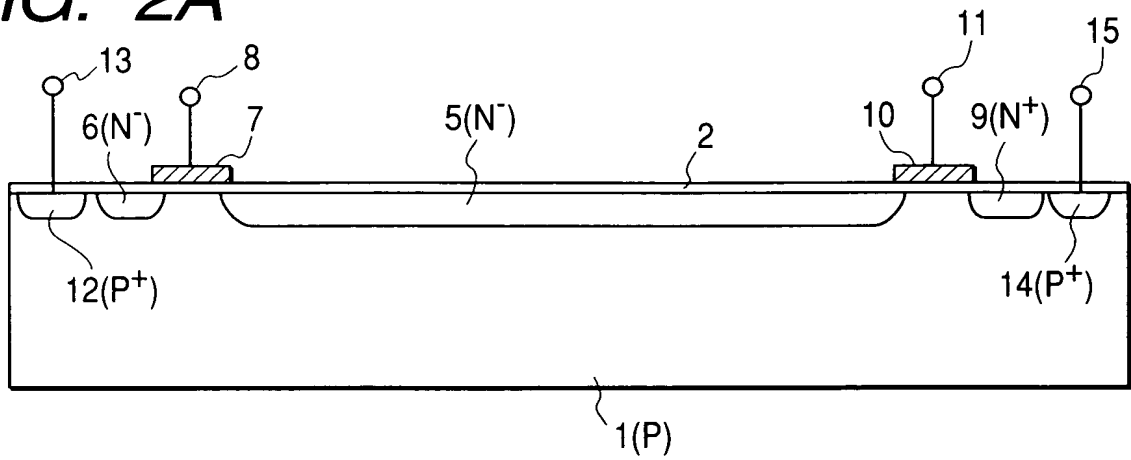


FIG. 2B

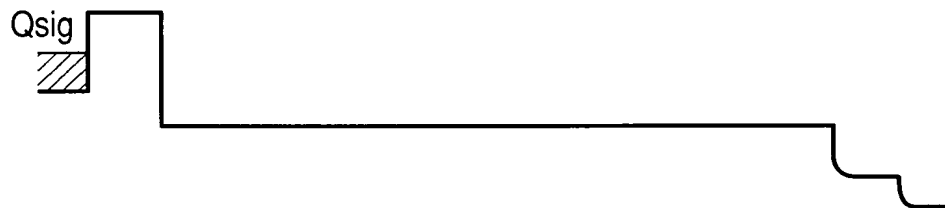


FIG. 2C

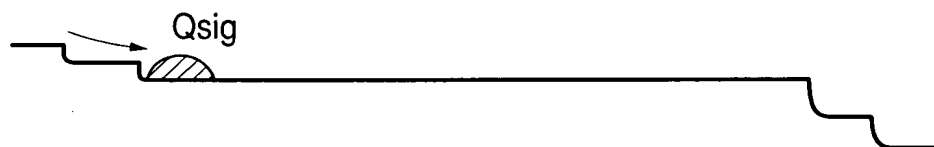


FIG. 2D

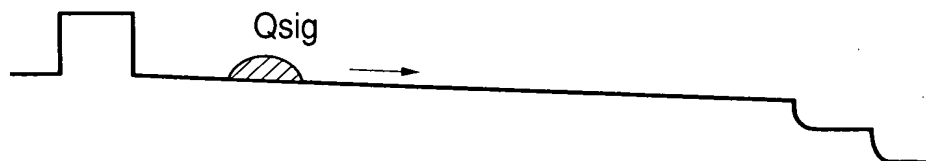


FIG. 2E

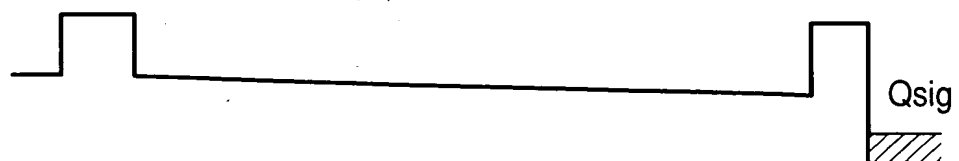


FIG. 3

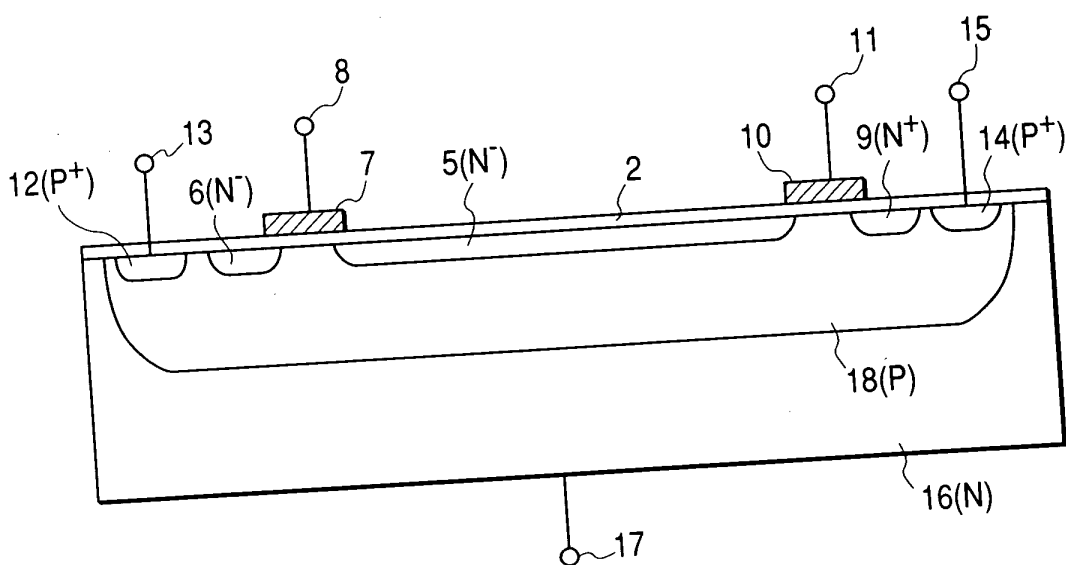


FIG. 4A

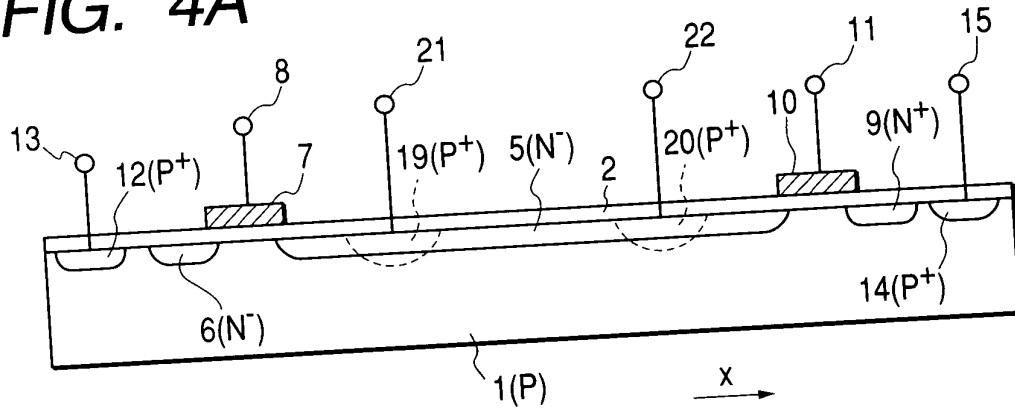


FIG. 4B

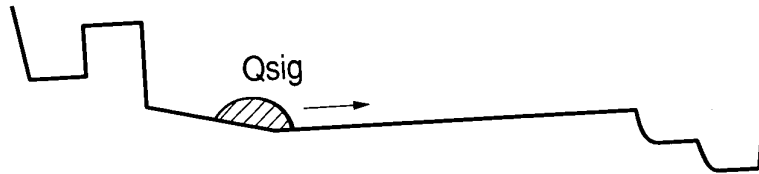


FIG. 4C



FIG. 4D



FIG. 5

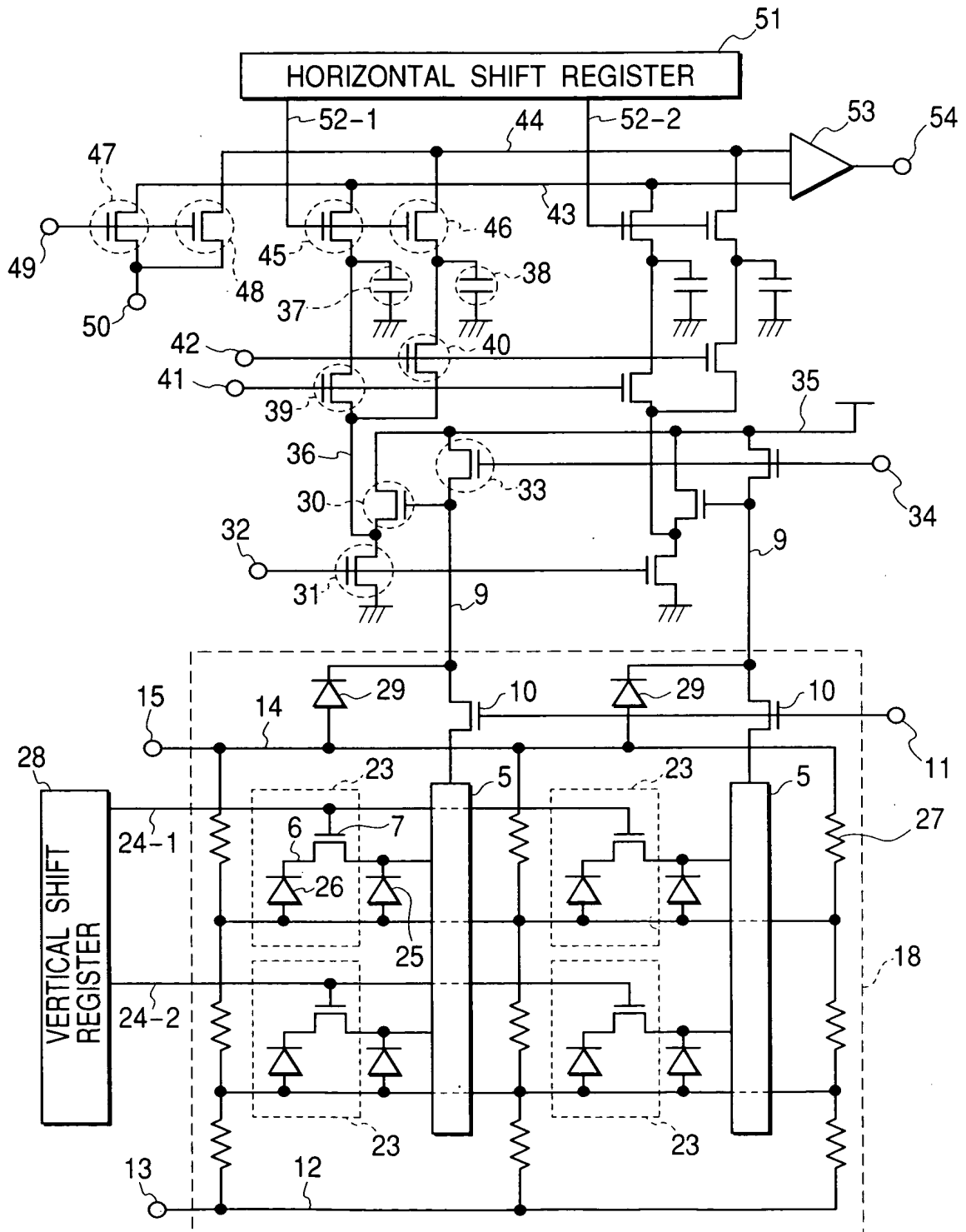


FIG. 6

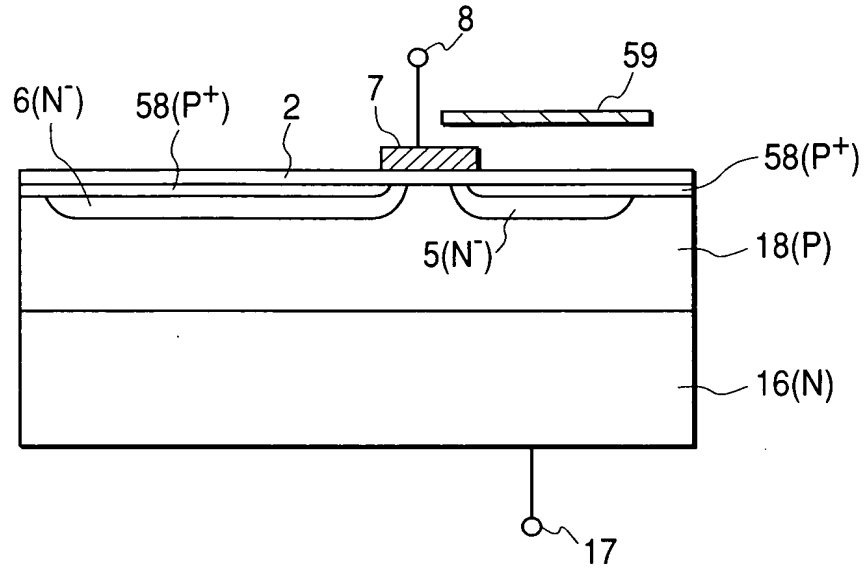


FIG. 7

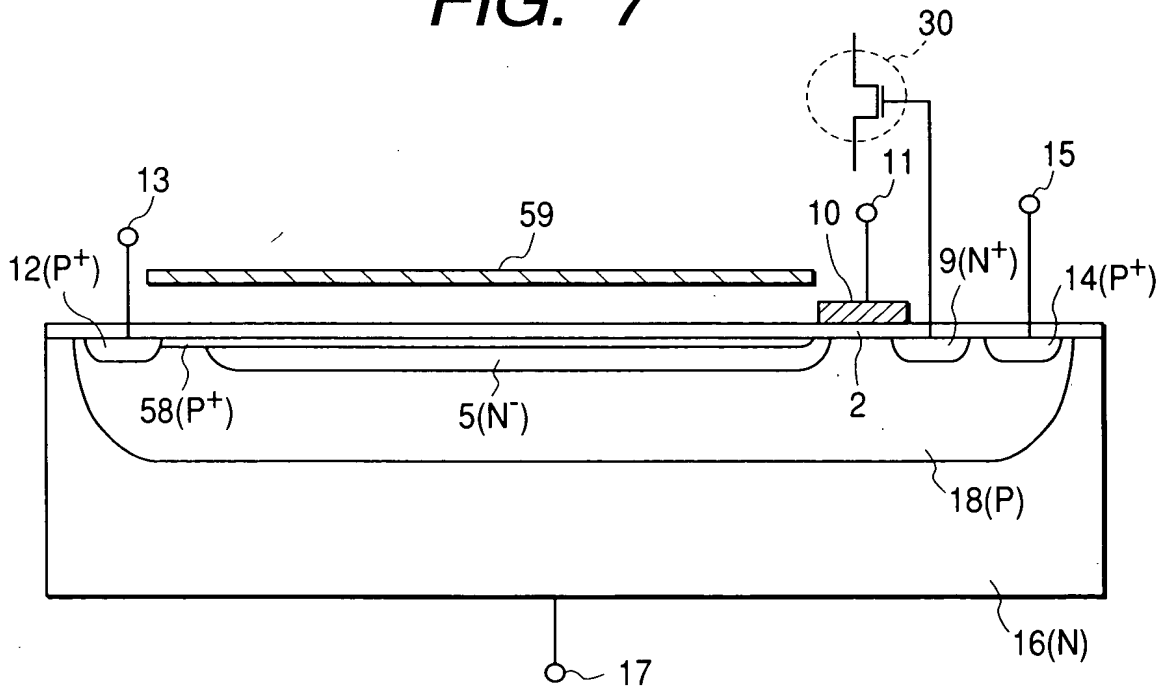
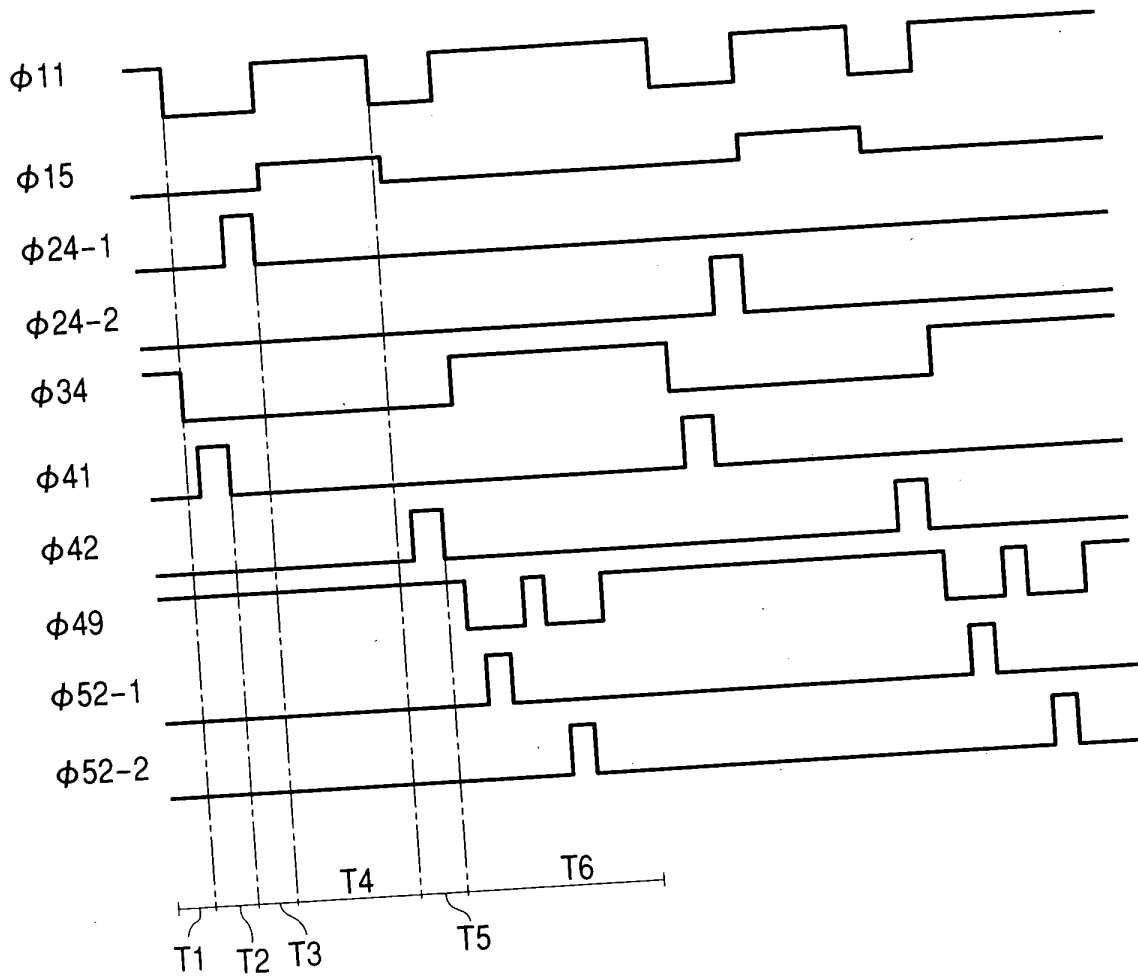


FIG. 8



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FIG. 9

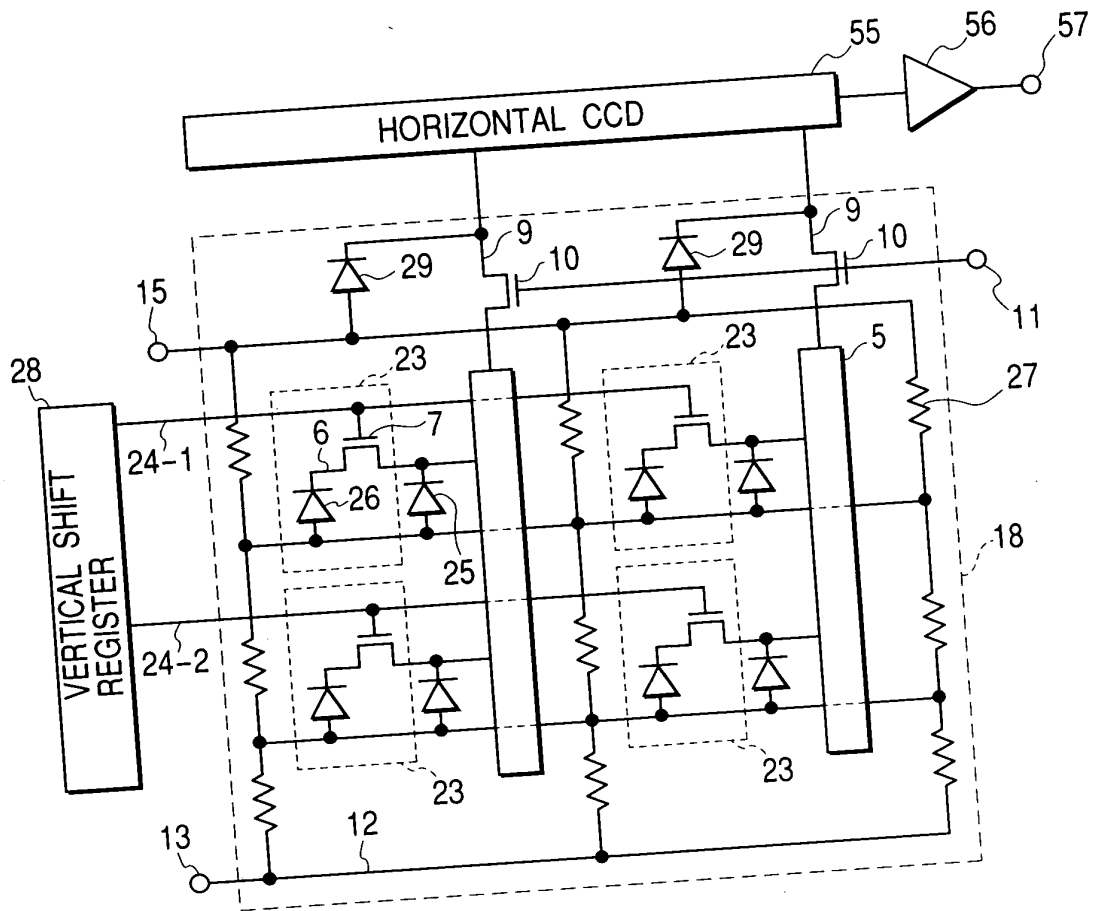
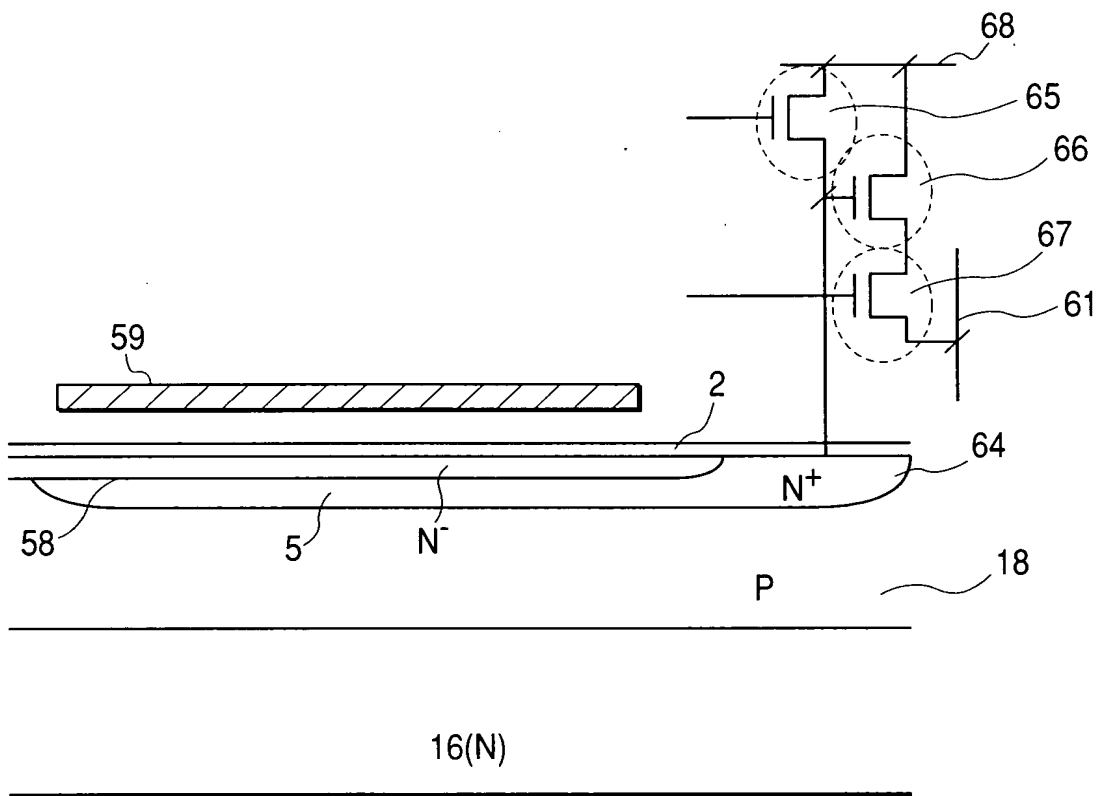


FIG. 10

The diagram illustrates a semiconductor device with the following components and connections:

- Vertical Shift Register (28):** A vertical bar on the left side, connected to a series of resistors (24-1, 24-2, 24-3, 24-4) and input/output terminals (15, 13).
- Read-Out Circuit (51):** A horizontal bar at the top, connected to the vertical shift register and the signal amp. unit.
- Signal Amp. Unit (53):** A triangular symbol on the right, connected to the read-out circuit and output terminal (54).
- Diodes (23, 25, 26):** Diodes are connected in a grid-like structure, with some diodes (23) being part of a larger unit (7) and others (25, 26) being part of a smaller unit (16).
- Resistors (24-1, 24-2, 24-3, 24-4):** Resistors are connected in series between the vertical shift register and the read-out circuit.
- Other Labels:** 12, 14, 16, 27, 52-1, 52-2, 60, 61-1, 62-1, 62-2, 7, 13, 15, 53, 54.

FIG. 11



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FIG. 12

